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Spurling, Norman

From: Miller, Robert
Sent: Monday, July 21, 2014 1:24 PM
To: Spurling, Norman
Cc: Panger, Melissa
Subject: FW: Loss report for San Joaquin kit foxes in Kern County
Attachments: P2798.pdf

A new rodenticide incident from California.

From: McMillin, Stella@Wildlife [mailto:Stella.McMillin@wildlife.ca.gov]
Sent: Monday, July 21, 2014 11:52 AM
To: County Ag Commissioner, Kern; Kratville, David@CDFA; Daniels, Debbie@CDPR; Bireley, Richard@CDPR; Miller, Robert
Subject: Loss report for San Joaquin kit foxes in Kern County

Hello, Attached please find a loss report for two San Joaquin kit foxes in Kern County. If you have any questions or comments, please contact me.

Thanks.

Stella

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DEPARTMENT OF FISH AND WILDLIFE
WILDLIFE BRANCH
WILDLIFE INVESTIGATIONS LABORATORY
PESTICIDE INVESTIGATIONS
1701 NIMBUS ROAD
RANCHO CORDOVA, CA 95670
PHONE (916) 358-2954

Lab Number P-2798
Necropsy Number N14-169, 170
CAHFS Number D1406289

Date of loss: May 12 and 15, 2014
Sample: San Joaquin kit fox
Vulpes macrotis mutica
Listing status: Federally endangered,
State threatened

To: Ruben Arroyo,
Kern County Agricultural Commissioner

Report Date: July 21, 2014

Remarks

Investigation of a loss of two San Joaquin kit foxes in Bakersfield.

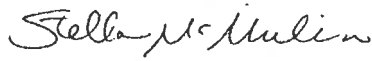
Background

Two San Joaquin kit fox pups were submitted to the CDFW Wildlife Investigations Laboratory by the Endangered Species Recovery Program on May 22, 2014. One fox (A) was observed to be disoriented and aggressive before dying in a Bakersfield parking lot on May 12, and rabies was a concern. The other fox (B) was found dead at a Bakersfield elementary school on May 15. Both carcasses were kept frozen until being submitted to the California Animal Health and Food Safety Laboratory (CAHFS) in Davis on May 23, 2014.

RESULTS OF EXAMINATION

The necropsy was performed at CAHFS on May 29, 2014. Fox A was found to be a female and was described as severely autolyzed. The rabies test could not be performed due to the lack of intact brain tissue. Liver tissue contained normal levels of heavy metals and selenium and no detectable levels of anticoagulant rodenticides. Fox B was found to be a female and was described as moderately autolyzed and in fair body condition. Necropsy yielded no significant findings. The liver tissue contained normal levels of heavy metals and selenium and 0.13 ppm of brodifacoum. Although this indicates nontarget exposure, no postmortem evidence of coagulopathy was present to indicate anticoagulant rodenticide intoxication.

WILDLIFE INVESTIGATIONS LABORATORY



**Stella McMillin, Senior Environmental Scientist
Wildlife Investigations Laboratory**

Approved



**Steve Torres, Program Manager,
Wildlife Investigations Laboratory**

**Cc: Rich Bireley,
DPR Registration**

**Dr. Debbie Daniels,
DPR Registration**

**David Kratville,
CDFA**

**Robert Miller,
USEPA**